



BODY WORN CAMERAS

Seattle Police Department

Monday, November 10, 2014

BODY WORN CAMERAS



AGENDA

BODY WORN CAMERAS

Order of Presentations:

- **Intro** – COO Mike Wagers
- **Overview** – Lt. Bryan Grenon
- **Evaluation Process** – Bob Mead
- **Training** – Lt. Bryan Grenon and Bob Mead
- **Technology Demonstration** – Dennis Rowland
- **Back Office** – Jesus Valenzuela
- **Policy** – Det. David Puente
- **Challenges** – Lt. Bryan Grenon
- **Discussion** – COO Mike Wagers
- **Wrap Up** – Chief Kathleen O'Toole

BODY WORN CAMERAS

OVERVIEW

- Guidance
- Products testing – Taser / VieVu
- Policy
- Requirements – audio/video, retention

Lt. Bryan Grenon

BODY WORN VIDEO

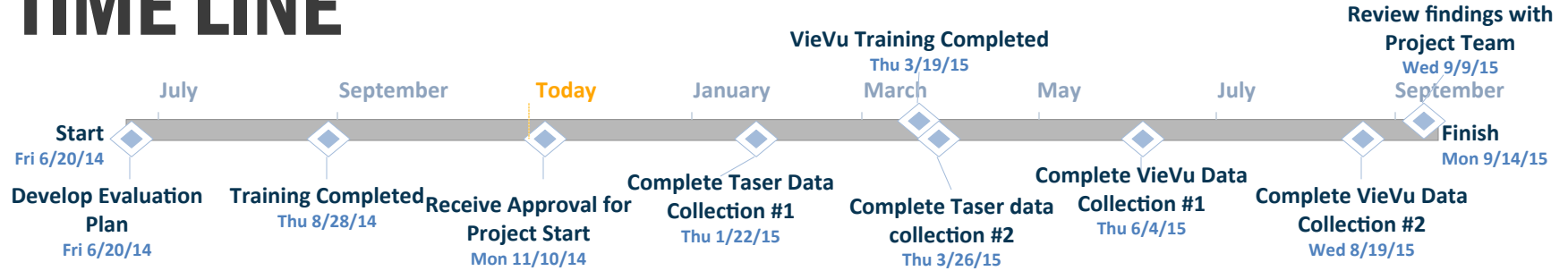
EVALUATION FOCUS


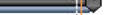












- Timeline
- Objectives
- Overview

Bob Mead, IT

BODY WORN VIDEO

TIME LINE



| Task Name | | | | Duration | Start | Finish | July 11 | | September 21 | | December 1 | | February 11 | | April 21 | | July 1 | | September | | | |
|-----------|---|--|--|----------|--------------|--------------|---|------|--------------|------|------------|------|-------------|------|----------|------|--------|-----|-----------|------|------|--|
| | | | | | | | 5/18 | 6/22 | 7/27 | 8/31 | 10/5 | 11/9 | 12/14 | 1/18 | 2/22 | 3/29 | 5/3 | 6/7 | 7/12 | 8/16 | 9/20 | |
| 1 | + Planning Package #1 | | | 49 days | Fri 6/20/14 | Thu 8/28/14 |  | | | | | | | | | | | | | | | |
| 9 | + Develop Project Restart | | | 54 days | Thu 8/28/14 | Wed 11/12/14 |  | | | | | | | | | | | | | | | |
| 14 | - Pilot Taser | | | 109 days | Tue 11/11/14 | Fri 4/10/15 |  | | | | | | | | | | | | | | | |
| 15 | + Data Collection & Evaluation Taser #1 | | | 58 days | Tue 11/11/14 | Thu 1/29/15 |  | | | | | | | | | | | | | | | |
| 20 | + Build Draft Assessment | | | 15 days | Fri 1/23/15 | Thu 2/12/15 |  | | | | | | | | | | | | | | | |
| 24 | + Data Collection & Evaluation Taser #2 | | | 46 days | Fri 1/23/15 | Fri 3/27/15 |  | | | | | | | | | | | | | | | |
| 29 | + Update Assessment | | | 10 days | Mon 3/30/15 | Fri 4/10/15 |  | | | | | | | | | | | | | | | |
| 32 | + Complete Assessment #1 | | | 19 days | Mon 4/13/15 | Thu 5/7/15 |  | | | | | | | | | | | | | | | |
| 39 | + Planning Package #2 | | | 50 days | Fri 1/23/15 | Thu 4/2/15 |  | | | | | | | | | | | | | | | |
| 52 | - Pilot VieVu | | | 104 days | Fri 3/27/15 | Wed 8/19/15 |  | | | | | | | | | | | | | | | |
| 53 | + Data Collection & Evaluation VieVu #3 | | | 55 days | Fri 3/27/15 | Thu 6/11/15 |  | | | | | | | | | | | | | | | |
| 58 | + Build VV Draft Assessment | | | 15 days | Fri 6/5/15 | Thu 6/25/15 |  | | | | | | | | | | | | | | | |
| 62 | + Data Collection & Evaluation VieVu #4 | | | 54 days | Fri 6/5/15 | Wed 8/19/15 |  | | | | | | | | | | | | | | | |
| 70 | + Complete Assessment | | | 18 days | Thu 8/20/15 | Mon 9/14/15 |  | | | | | | | | | | | | | | | |

BODY WORN VIDEO

PILOT – EVALUATION OBJECTIVES

The objectives of the pilot are to:

- Learn about body worn video
- Produce an assessment report

Bob Mead, IT

BODY WORN VIDEO

PILOT – EVALUATION OBJECTIVES

Assessment Report:

- Logistics
 - Public Disclosure
 - Cloud based service
 - Premise based service
- Apples to apples comparison
- Staffing estimates for production rollout and sustainment
- Evaluation of data collected through surveys
- Analysis of system data
- Impact assessment:
 - Providing a look ahead of the operational roles
 - Responsibilities and processes impacts
- A written summary of team and officer findings
- Independent assistance

Bob Mead, IT

BODY WORN VIDEO

PILOT OVERVIEW

- The parameters of the pilot are defined as:
 - The pilot is to last no longer than one year
 - 12 volunteers
 - Cover three shirts
 - East Precinct only
 - Three phases
- Phases
 - Taser BWVC
 - VieVu BWVC
 - Assessment Report
- Analysis of system data
- Each wear methodology will be evaluated
- Assessment of video and audio quality options
- Officer assessment
- Back Office assessment

Bob Mead, IT

BODY WORN VIDEO

PILOT OVERVIEW

Per Policy, at the start of shift, officers will perform a function check



Security Features approved by CSO B. Bradbury.

An officer can use any of these devices to tag and add Meta data to the video



Apple Touch

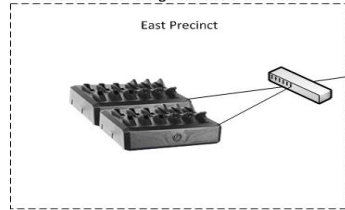


Workstation

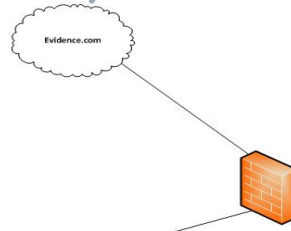


MDT

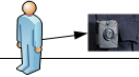
An officer can also choose to dock the camera or controller into the docking station for upload into Evidence.com and tag the video afterwards.



Docking station for recharging camera and controller and for video upload to Evidence.com

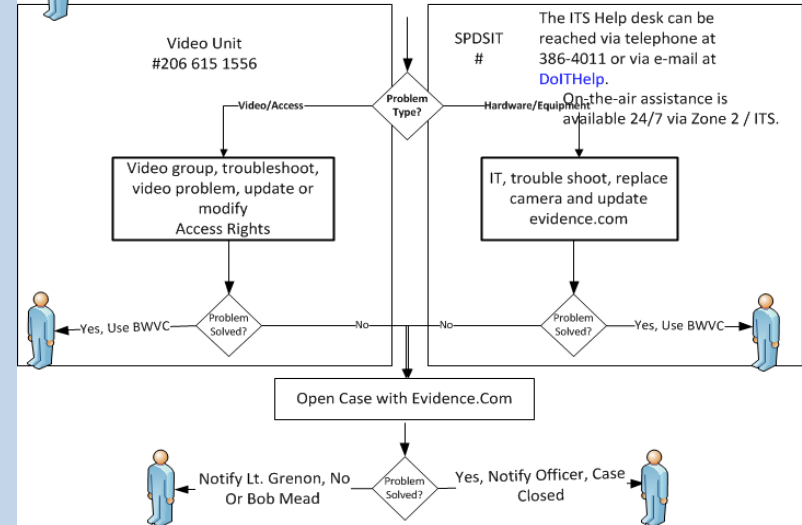


If the Body Worn Video Camera does not function



Per policy:

- Notify the sergeant.
- Note the Malfunction on the MDC/CAD log including the screening sergeant's name.
- Notify IT or Video staff for troubleshooting and or equipment replacement.



BODY WORN VIDEO

TRAINING

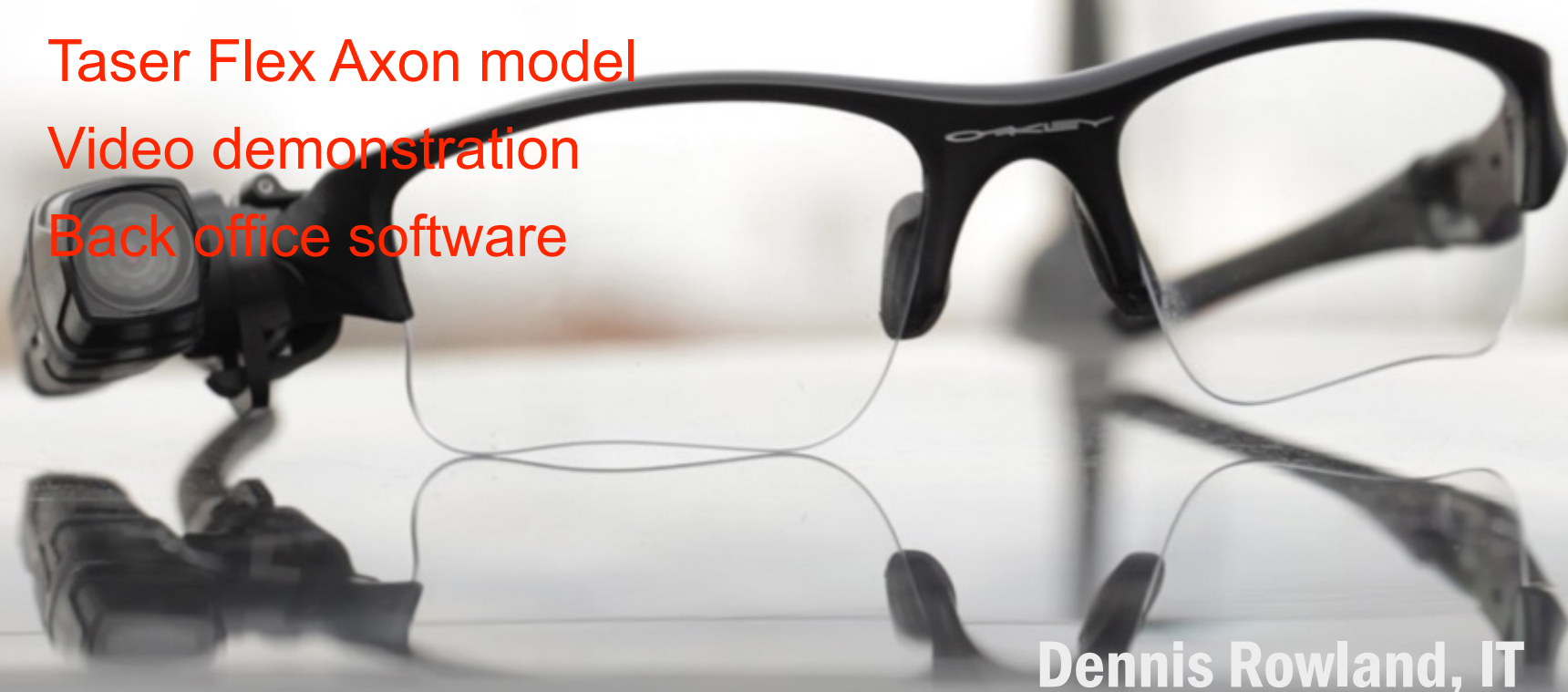
- Training Focus
 - Officers
 - Supervisors
 - Back Office

Lt. Bryan Grenon and Bob Mead

BODY WORN VIDEO

TECHNOLOGY DEMONSTRATION

- Taser Flex Axon model
- Video demonstration
- Back office software



Dennis Rowland, IT

BODY WORN VIDEO

BACK OFFICE

- Evidence.com
- Video search methods
- User Groups and permissions
- Audit trails
- Distribution

Jesus Valenzuela, Video Unit

BODY WORN VIDEO

BACK OFFICE

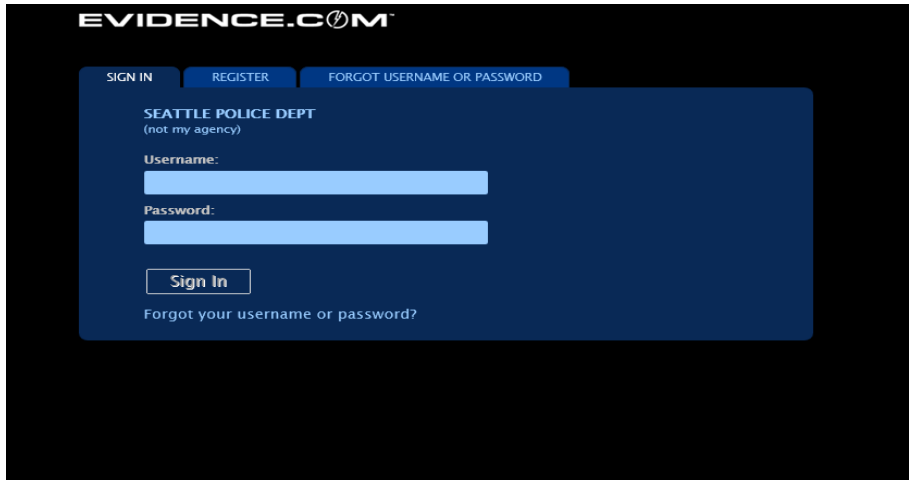
- EVIDENCE.com
 - Cloud Infrastructure provided by Amazon Web Services
 - Complies with many security certifications & monitoring
<http://www.evidence.com/wp-content/uploads/2014/06/Evidence-com-Security.pdf>
 - Data encryption during transfer
 - Data integrity and verification through hashing

Jesus Valenzuela, Video Unit

BODY WORN VIDEO

BACK OFFICE

- Restricted Access
 - Limited to City of Seattle IP addresses
 - Password complexity meets City of Seattle guidelines



The screenshot shows the login page for EVIDENCE.COM. At the top, the logo "EVIDENCE.COM" is displayed. Below it, there are three tabs: "SIGN IN", "REGISTER", and "FORGOT USERNAME OR PASSWORD". The "SIGN IN" tab is selected. The main content area is a dark blue box with the text "SEATTLE POLICE DEPT" and "(not my agency)" below it. There are two input fields: "Username:" and "Password:". Below the password field is a "Sign In" button. At the bottom of the box, there is a link that says "Forgot your username or password?".

Jesus Valenzuela, Video Unit

BODY WORN VIDEO

BACK OFFICE

- User Groups
 - Permissions based on roles and responsibilities
 - Device management (Information Technology)
 - Camera operators (patrol officers)
 - Sergeants and detectives
 - Administrative Review
 - Back office (Public Disclosure, Video Unit)
- Audit Trails
 - Records activity with date/time stamps
 - Printable PDF file

Jesus Valenzuela, Video Unit

BODY WORN VIDEO

BACK OFFICE

- Searching for Video

The screenshot shows the EVIDENCE.COM web application interface. At the top, the logo 'EVIDENCE.COM' is on the left, and user information 'VALENZUELA, JESUS (7355)' with a 'Last Login 06 Nov 2014' and a '[SIGN OUT]' link is on the right. Below this is a navigation bar with links: DASHBOARD, EVIDENCE, CASES, DEVICES, USERS, REPORTS, SETTINGS, and HELP. A search bar is located on the right side of the navigation bar. The main content area is titled 'EVIDENCE SEARCH' and contains a grid of search filters. On the left, there are input fields for 'ID:', 'Date:' (with a 'Recorded Date' dropdown), 'Owner:', and 'Tag:'. In the middle, there are input fields for 'Title:', 'From:', 'To:', and 'Uploaded By:'. On the right, there are dropdown menus for 'Category:', 'File Type:', 'Status:', and 'Flagged:'. At the bottom of the search filters are two buttons: 'View All' and 'Search'. The footer of the page contains copyright information '© 2014 TASER International, Inc. All Rights Reserved.', system requirements 'Flash: 15.0 MSIE: Yes Version: 9', and links to 'Privacy Policy' and 'License Agreement'. The version 'EVIDENCE.COM 1.18 (1.18-181)' is also displayed.

EVIDENCE.COM

VALENZUELA, JESUS (7355)
Last Login 06 Nov 2014
[SIGN OUT]

DASHBOARD EVIDENCE CASES DEVICES USERS REPORTS SETTINGS HELP

EVIDENCE SEARCH

ID:

Date:

Owner:

Tag:

Title:

From: To:

Uploaded By:

Category:

File Type:

Status:

Flagged:

© 2014 TASER International, Inc. All Rights Reserved. Flash: 15.0 MSIE: Yes Version: 9 EVIDENCE.COM 1.18 (1.18-181)
[Privacy Policy](#) [License Agreement](#)

Jesus Valenzuela, Video Unit

BODY WORN VIDEO

BACK OFFICE

- Evidence.com Interface

The screenshot displays the Evidence.com web interface. At the top, a navigation bar includes links for DASHBOARD, EVIDENCE, CASES, DEVICES, USERS, REPORTS, SETTINGS, and HELP. The user is logged in as VALENZUELA, JESUS (7555), with a last login on 06 Nov 2014. The main content area features a video player for 'AXON Body Video 2014-10-28 1115 | [edit]' with ID 'Redaction_Test'. The video shows a man in a white shirt and green lanyard. To the right of the video are icons for various actions like download, share, and delete. Below the video is a timeline with markers and a progress bar. On the right side, there is a sidebar with metadata: Assigned To (Mead, Robert), Recorded (28 Oct 2014 11:14:46 -07:00), Uploaded On (28 Oct 2014 14:46:49 -07:00), Uploaded By (Mead, Robert), Deletion scheduled for (Unscheduled), and File Size (7.9 MB). Below this are sections for DOWNLOAD, FLAG, SHARE, ADD TO CASE, REASSIGN, VIEW AUDIT TRAIL, and DELETE. Further down are sections for Source (Serial# x78017275, Model AXON Body), CASES, CATEGORIES (System Check), TAGS (Redaction Test), and LOCATION.

Jesus Valenzuela, Video Unit

BODY WORN VIDEO

BACK OFFICE

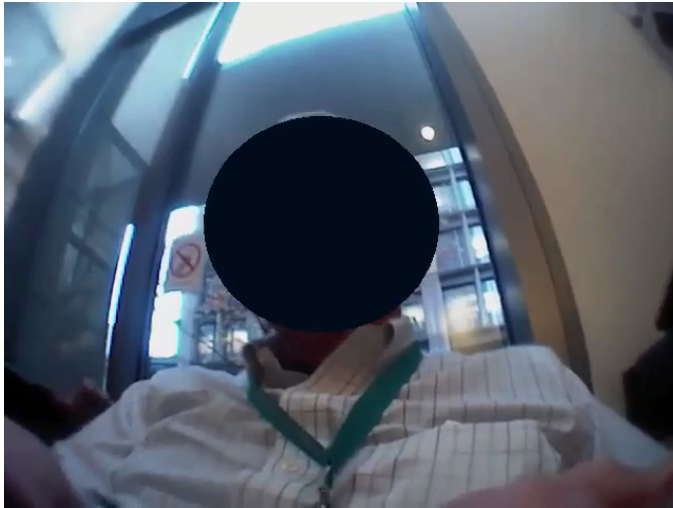
- Redacting Capabilities within Evidence.com
 - Testing by Public Disclosure/Video Unit
 - Original not edited
 - Masking through layers
 - Provide copy of the original

Jesus Valenzuela, Video Unit

BODY WORN VIDEO

BACK OFFICE

- Redacting Capabilities within Evidence.com



Jesus Valenzuela, Video Unit

BODY WORN VIDEO

BACK OFFICE

- Distribution
 - Video data file downloaded from the cloud
 - Share web link with internally or externally

Jesus Valenzuela, Video Unit

BODY WORN VIDEO

POLICY OVERVIEW

- Timeline
- Pilot vs. Department implementation
 - SPOG MOA parameters
 - Community input
- Challenges

Det. David Puente

BODY WORN VIDEO

POLICY KEY POINTS

Points consistent with In-Car Video Policy

- Must complete BWV training and wear properly
- Perform pre-shift function checks
- Will record police activity – The Entire Event
 - *Addition:* Response to 911 calls, starting when officer begins to travel to call and ending when officer finishes the active investigation
- Shall notify persons of recording
- Will document the existence of video or reason for lack of video
- Shall upload recorded video before going out of service

Det. David Puente

BODY WORN VIDEO

POLICY KEY POINTS

- Different from in-car video policy
- Shall obtain consent to record inside private areas
 - *Except:* For crimes in progress or other circumstances that would allow the officer to be lawfully present without a warrant.
- May stop recording for a legitimate reason (officer must document reason in GO or call update)

Det. David Puente

BODY WORN VIDEO

CHALLENGES

- Public Disclosure – Increase in demand
- Outside Evaluation
- Expectation Management
- Police work is messy

Lt. Bryan Grenon

BODY WORN CAMERAS



DISCUSSION

A blue-tinted photograph of the Seattle skyline. The Space Needle is prominent on the left. In the background, Mount Rainier is visible. The city's skyscrapers are clustered in the center.

WRAP UP

Chief Kathleen O'Toole